

To: Distribution

From: Bob Hunnicutt, Tower Coordinator, Columbia Telecommunications

A meeting of the Telecommunications Transmission Facility Coordinating Group (TTF CG) was held on May 19, 2004. The following people were in attendance:

MEMBERS

Jane Lawton OCCS (240) 777-3724
Pat Hanehan MCPS (301) 279-3609
Steve Batterden DPW&T (240) 777-6063
Helen Xu DTS (240) 777-2804
Jim Krause WSSC (301) 206-4209

STAFF

Margie Williams OCCS (240) 777-3762
Robert Hunnicutt CTC (410) 964-5700
Raju Iyer CTC (410) 964-5700

OTHER ATTENDEES

Tom Carroll Cole, Raywid
Steven Weber T-Mobile
Brian Bolt T-Mobile
Robert Neely Wireless Enterprises for Verizon Wireless
CeeCee Middlebrooks Velocitel for Cingular Wireless
Sam Sacco Sprint
Mark Behe WSSC

Discussion Item – Meeting Minutes: Pat Hanehan moved the minutes be approved as written. Steve Batterden seconded the motion and the minutes were approved.

Consent Agenda Items:

1. Verizon Wireless application to replace nine existing antennas with nine new dual band antennas at the same 256' level on the existing 256' County lattice tower at 26149 Ridge Road in Damascus (Application #200405-01).
2. Verizon Wireless application to add six new panel antennas (two per sector) to the existing nine antennas (three per sector) at the same 172' level on an existing 200' lattice tower on the Ferguson Farm property located at 14825 Comus Road in Clarksburg (Application #200405-02).
3. Sprint PCS application to install up to nine flush mount panel antennas (six now, three in the future) on the penthouse walls at the 103' level on an existing Montgomery Village office building located at 18310 Montgomery Village Avenue in Gaithersburg (Application #200405-04).
5. T-Mobile application to install three antennas at the 137' level, concealed within an existing 155' "flagpole" monopole on the Tewksbury Manor property located at 5600 Sundown Road in Gaithersburg (Application #200405-06).

Jane Lawton requested that items number 4 and 6 be pulled from the consent agenda for discussion.

Motion: Pat Hanehan moved the remaining consent agenda items (numbers 1, 2, 3, and 5) be recommended. Steve Batterden seconded the motion and the applications were unanimously approved.

Action Item: T-Mobile application to install nine panel antennas at the 58' level on the existing 47' Crossroads office building located at 7676 New Hampshire Avenue in Takoma Park (Application #200405-05).

Bob Hunnicutt summarized the application. Jane Lawton asked for an explanation as to why the antennas were at the 58' level of the building. Mr. Hunnicutt explained that the antennas were attached to poles which are mounted on sleds on the rooftop. Steven Weber of T-Mobile, elaborated on the design, adding that there is a 4' parapet around the perimeter of the rooftop, making it necessary for the antennas to be at a height sufficient to clear the parapet. He explained that the antennas were approximately 7' long, and once they are mounted on the poles, the overall height of the antennas exceeds the roofline by 11 feet.

Pat Hanehan asked if there were going to be signs posted to alert maintenance personnel to the presence of these antennas. Mr. Weber replied that T-Mobile will typically conduct an RF evaluation, and if there are uncontrolled areas where people would be exposed to emissions, notices would be posted.

Motion: Steve Batterden moved the application be recommended. Helen Xu seconded the motion and it was unanimously approved.

Action Item: Cingular Wireless application to install twelve panel antennas at the 67' level on sled mounts on an existing 55' Sunrise Apartment building located at 19310 Club House Road in Gaithersburg (Application #200405-07).

Bob Hunnicutt summarized the application. CeeCee Middlebrooks of Cingular added that this was a sled mount facility similar to the T-Mobile attachment at the Crossroads site. Jane Lawton inquired about the replacement of Metricom antennas. Ms. Middlebrooks explained that two existing Metricom sled mounts would be replaced with two new T-Mobile sled mounts and one additional sled mount would be added at a new location on the roof. She said there would be a total of three new sled mounts on the roof space. She commented that the antennas would be approximately 12' above the roofline.

Motion: Jim Krause moved the application be recommended. Steve Batterden seconded the motion and it was unanimously approved.

Action Item: Verizon Wireless application to replace three existing antennas (one per sector) with six new antennas (two per sector) at the same 120' level on an existing 122' monopole on the Seneca Ayr Farm property located at 13100 West Old Baltimore Road in Boyds (Application #200405-03).

Bob Hunnicutt summarized the application. He reminded the group that this is the same monopole that the group had reviewed last month for a Sprint application to extend the monopole height by 20 feet. He said the TTFCG recommendation had been conditioned on Sprint submitting a structural analysis to the Department of Permitting Services (DPS), and a DPS determination that the monopole still meets setback requirements with the extension. He explained that he had received a site plan with Verizon's application that again raised questions about the setback issues. He said the application also included a structural analysis showing that Verizon's attachments would work with the extension, but it did not address the structural capacity related to attaching the 20' extension. He stated the structural capacity of the extension must still be addressed by Sprint to the satisfaction of DPS. Consequently, the Tower Coordinator's recommendation was conditioned on DPS acceptance of Verizon's structural analysis and resolution of setback issues.

Jane Lawton asked Mr. Hunnicutt to further explain the setback issue. Mr. Hunnicutt explained that TTFCG records from the original application indicate that setback for the 120' monopole was 125'. Based on that, if the tower were increased to 140', the monopole would not meet 1:1 setback requirements. He stated that last month, Sprint had indicated that the TTFCG records were incorrect, and the setback was actually approximately 174' from the property line, and thus the extension would still meet setback requirements. Mr. Hunnicutt noted, however, that the Verizon site plan again showed a current 125' setback (as had a previous TTFCG application for this site), which conflicts with Sprint's information.

Ms. Lawton expressed concern that the DPS may not have all of this information in their review of these applications. Mr. Hunnicutt explained that a summary of the Record of Action for each application is provided to the carriers after each meeting, and any conditions are noted on the summary form, which the carriers must submit to DPS to obtain a building permit. He stated that was the notice to DPS that the TTFCG had

conditioned its recommendation as stated in the Record of Action form. He added that he had also discussed this matter with Dave Niblock as he was directed to do at the last meeting. Robert Neely said that since Verizon was simply replacing and adding antennas to its existing platform on the existing 120' monopole, the extension and issues related to Sprint's application should have no bearing on Verizon's application. Mr. Hunnicutt agreed, and noted that if the structural analysis for the Verizon antennas verified that the modifications to Verizon's platform would work without the extension, he did not believe it would be an issue with the extension. Mr. Hunnicutt said that had it not been for the extension, the addition of three antennas to this monopole would not have been of concern to him in his review of the application. Mr. Neely said that even if the Sprint application is not approved by DPS, the attachment of Verizon's antennas should not be a concern of the TTF CG or DPS.

Motion: Helen Xu moved the application be recommended. Pat Hanehan seconded the motion and it was unanimously approved.

Action Item: WSSC application to construct a new 195' self-supporting lattice tower and attach an 8' diameter microwave dish at the 191' level on the Little Seneca Dam property located at 13920 Wisteria Drive in Germantown (Application #200404-01).

Bob Hunnicutt summarized the application, and noted that WSSC stated it did not intend to notify community residents about this facility. He added that he had asked the WSSC to consider attaching its microwave dish to an extension on the existing 120' monopole on the Hungerford property. He said that WSSC reported there were issues related to getting signals from the dam to that monopole across the CSX rail lines and the spillway for the dam. In addition, WSSC said that the monopole owner advised them that the monopole height could not be increased to accommodate the line-of-sight necessary for the microwave transmission.

Mark Behe commented that the WSSC had recently scheduled a meeting with the Boyds Civic

Association to apprise them of the tower plans.

Jane Lawton noted that the site plan showed the tower height at 230', and the code limited the TTF CG to approving structures over 155' only if there was supporting engineering documentation or in cases of applications for public safety-related purposes. Helen Xu asked about the specifications for the microwave dish and the characteristics of the transmission. Jim Krause stated that the antenna was an Andrews PAR8-65, 8' microwave antenna and that the tower elevation profile showed the tower at 230' only because the higher structure was the design specification for the facility for increased structural strength at the actual 195' height. He said that WSSC had no intention of building a 230' tower, and said the tower would only be 195' tall – the height necessary for microwave line-of-sight transmission requirements as stated in the application. He added that the tower was needed for public safety and security purposes.

Helen Xu asked whether this tower would be available for co-location by other carriers. Jim Krause stated that there were no current plans for other commercial attachments, but co-location requests would be reviewed on a case-by-case basis.

At this point, Jane Lawton said that since it appeared as though the public security issues were going to be discussed, she thought it was appropriate to close the meeting, and asked that the minutes reflect the reason for closing the meeting. Hearing no objections to her motion, the meeting was closed to all but the WSSC representatives, the TTF CG members and support staff, and the Tower Coordinator.

After discussion in closed session, the meeting was reopened to record the votes on WSSC applications.

Motion: Pat Hanehan moved the application be recommended, conditioned on the Record of Action reflecting that the group approved the facility only at the 195' height as indicated in the application, and that it receive approval through the Mandatory Referral process. Steve Batterden seconded the motion and it was approved with Jim Krause abstaining.

Action Item: WSSC application to construct a new 140' self-supporting lattice tower and attach a 6' diameter microwave dish at the 137' level on the Brighton Dam property located at 2 Brighton Dam Road in Brookeville (Application #200404-02).

Motion: Steve Batterden moved the application be recommended conditioned on the Record of Action reflecting that the group approved the facility only at the 140' height only, that the tower receive approval through the Mandatory Referral process, including setback considerations. Pat Hanehan seconded the motion, and it was approved with Jim Krause abstaining.

Discussion Item – FY05 Meeting Dates: The group approved the meeting dates for July – December 2004.

Discussion Item - WMET-AM radio tower: Jane Lawton stated that WMET radio had increased its power to one-quarter strength of 50,000 watts, and the Montgomery Village Foundation (MVF) had received numerous complaints related to interference with telephone service for residents of the Montgomery Village area. She said she had asked the Tower Coordinator to track the complaints provided by the MVF, and that she and the Tower Coordinator planned to meet with WMET engineers and MVF representatives to discuss how WMET planned to resolve the complaints.

Discussion Item – State of Maryland Proposed Tower at I-495 and Persimmon Tree Road: Jane Lawton explained that the State still had not provided sufficient information for an engineering review by the Tower Coordinator and said she hoped that the State would provide this information in time for next month's meeting, but noted it would be an agenda item for June's meeting, regardless of the submission of additional information because the State and the Planning Commission wished to proceed with its Mandatory Referral process, which requires input from the TTFCG and action was needed by the group prior to that hearing.

The next meeting of the TTFCG is scheduled for Wednesday, June 16, 2004 at 2:00 p.m. in the 2nd floor conference room #225 of the COB.